

KUBIC, J.

Standardized charges for the repair of machinery in the machine-tractor stations and possibilities of their reduction. p. 11 (Mechanisace Zemedelstvi Vol. 6, no. 1, Jan. 1956 Praha)

SO: Monthly List of East European Accession (EE/L) LC, Vol. 6, no. 7, July 1957. Uncl.

KUDIS, J.

KUDIS, J. Management according to the principles of business accounting. p. 24.

Vol. 6, no. 2, Jan. 1956  
MECHANICAL AND AGRICULTURE  
AGRICULTURE  
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

KUBIS, J.

Where are the main shortcomings in the cost accounting at the machine tractor-stations of Nitra District? p. 32A.  
(Mechanisace Zemedelstvi. Vol. 7, no. 14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol.6, no. 10, October 1957. Uncl.

KUBIS, J.

Results of an examination concerning the use of wage funds and the increase  
of average wages in the Kostolna Machine-Tractor Station. p. 393.  
(MECHANISACE ZEMEDELSTVI, Vol. 7, No. 17, Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KUBIS, J.

KUBIS, J.

Problem of efficiency in reducing overhead costs for motor fuels in machine-  
tractor stations.

P. 467 (Mechanisace Zemedelstvi) Vol. 7, No. 20, Oct. 1957 - Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

KUZE, J.

"Experience with the mechanization of control in the Soviet mechanized corps situation,"  
vol. 2 (Mechanizatsiya Komplektov, Vol. 2, no. 2, Nov 1952, p. 1), "Mechanizatsiya"

Monthly Index of First European Association (SMMI) 1951, Vol. 1, No. 1, 1951

CZECHOSLOVAKIA

KUBIS, J; Institute of Experimental Pathology, Medical Faculty,  
Comenius University (Ustav Experimentalnej Patologie LFUK),  
Bratislava.

"The Role of the Nervous System in the Evacuation of the Cholecyst."  
Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 86

Abstract: Chronic experiments with dogs are described. The reflex for the evacuation originates in the stomach and is probably a gastro-cholecystic reflex. Cephalic impulsion is not important. Presence of food in the stomach is a necessary condition for the evacuation of the cholecyst. The short period of latency indicates that the evacuation is a reflex mechanism. No references. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

1/1

BC

D

Tern- and quadrivalent manganese (chlorides).  
J. H. Kharuzza and J. Kurna (Coll. Czech. Chem. Comm., 1955, 7, 1052-1054).—A green solution containing  $MnCl_4^-$  is obtained by passing dry HCl through an ethereal suspension of  $MnO_2$  at  $-63^\circ$ . At  $-10^\circ$ , a brown solution containing more  $MnCl_4^-$  is obtained,  $\approx CO_2$ , and light petroleum ppt. from these solutions a black whetstone substance which affords in  $H_2O$  a violet solution containing  $MnCl_4^-$ . By replacing  $MnO_2$  with  $Mn_2O_3$ ,  $MnCl_4^-$  is obtained, but  $MnCl_4^-$  could not be isolated. Earlier work is criticized.  
J. G. A. G.

## ATA-11A METALLURGICAL LITERATURE CLASSIFICATION

SIGN IN SHEET

6-2-72-20008

100-082-74	100-082-115-001-001	SECTION	100-082-74
W O M W A P H Z	W W D D E E R R R R R R R R	W D A T M I S P D U N T H V G S Y	W D A T M I S P D U N T H V G S Y

J.

5

Detection and colorimetric estimation of thiols in blood  
I. Vaidya and N. J. Wiles (University of Wisconsin, Madison)  
Graph Paper Test (Section 33, Part 1) of the  
Sensitivity of Salkov modification (7, 8, 34, 35) of the  
 $\text{Cu}(\text{NO}_3)_2$  spot reaction on paper was employed. The  
thiols give a pink reaction. For colorimetric work, the  
proportions of 0.5 cc. 1% Cu-Galen in  $\text{MgO}_2$ ; 1.0 cc.  
 $\text{Na}_2\text{S}_2\text{O}_3$  in abs.  $\text{MgO}_2$ , and 1.0 M-OAc in 10% NaOH  
must be determined. The thiols are estimated by the  
use of 4.0 mg phenylhydrazine added to 1.0 ml. of  
the thiols to within 4.0.

①

*R. S.*

KUBIS, J.; LISKOVÁ, N.

Preparation of  $\alpha,\beta,\beta$ -trichloro-ethyl-d-glucuronic acid (urochloralic acid). Bratislav. lek. listy 35 no.9:529-537 1955.

1. Z Ustavu pre lekarsku chemiu LFUK v Bratislave, predn. doc.

dr. J. Kubis.

(ACIDS,  
urochloralic acid, prep.)

KUBIS-J

✓ Polarographic determination of methanol and ethanol.  
J. Kubis (Kouenského univ., Bratislava, Czech.). *Práce výskumného ústavu II, 405-80 (1950).*—In the quant. method described both alcs. are distd. through a layer of fused granular  $PbCrO_4$  at  $300^\circ$  and at a rate 3 ml./15 min. In this procedure 3.4% MeOH is oxidized to  $CH_3O$  and 15.9% EtOH, to AcII and the aldehydes then detd. polarographically in 0.1*N* LiOH. The smallest detectable concn. is 5 mg. % MeOH and 1 mg. % EtOH and the procedure takes approx. 1 hr.

L. J. Urbánek

3  
L. J. Urbánek

KUBIS, J. (Bratislava, Sasinkova 2.)

New method of oxidation of methanol; its colorimetric & polarographic estimation. Cns. lek. cesk. 98 no.27:851-856 3 July 59.

1. Chemicky ustav UK v Bratislave, predmesta doc. dr. J. Kubis.  
(ALCOHOL, METHYL, determ.  
simultaneous determ. of ethanol & methanol, simple appar.  
for oxidation of methanol (Cz))

KUBIS, J.; CAPEK, J.

Determination of thallium in biological material. Bratisl. lek.  
Mety 44, no.8:467-472 1964.

1. Katedra lekarstvené chemie lek. fak. University Komenskeho v  
Bratislave (vedúci prof. RNDr. J. Kubis).

KUBIS, J.

The influence of sham feeding on gallbladder motility. Activ. nerv.  
sup. 4 no.3/4:462-465 '62.  
(GALLBLADDER) (FOOD)

KUBIS, J., PORGES, E.

A new basis for the scale of atomic weights of natural elements and  
isotopes - carbon isotope C12. Bratisl. lek. listy 42 no.11/12:680-682  
'62.

(CARBON ISOTOPES)

KUBIS, Jan, MUDr. (Bratislava, Revova 35); NIKS, Milan, MUDr., C.Sc.(Bratislava,  
Leskova 5); HULIN, Ivan (Bratislava, Lesna 353)

Changes in the white blood corpuscles of dogs after simulated feeding.  
(EEAI 10:9/10)  
Biologia 16 no.3:202-208 '61.

1. Katedra experimentalnej patologie a farmakologie Lekarskej fakulty  
Univerzity Komenskeho, Bratislava.

(DOGS) (BLOOD)

KUBIS, Jozef, inz.

Examination of the chemical composition of goat milk during lactation. Prum potravin 14 no.8:438-440 Ag '63.

1. Vyskumný ustav mlékárenský, Praha, pobočka Zlín.

GRZYBEK-HRYNCEWICZ, Kryspina; KUBIS, Krystyna; SIDORKA, Stefan

The opsonizing factor in rabbit serum. Arch. immun. ther.  
exp. 12 no.6:670-675 '64

1. Department of Microbiology, School of Medicine, Wroclaw;  
Department of Bacteriology, Institute of Immunology and Ex-  
perimental Therapy, Polish Academy of Sciences, Wroclaw.

GŁOŚYBEK-HRYNCIEWICZ, Kryspina; LADOSZ, Jadwiga; KUBIS, Krystyna; SŁOPIK, Stefan.

Identification of the opsonizing factor in guinea pig serum  
by means of anti-opsonin. Arch. immun. thor. exp. 12 no.6:  
676-682 '64

1. Department of Microbiology, School of Medicine, Wrocław,  
Department of Bacteriology, Institute of Immunology and Ex-  
perimental Therapy, Polish Academy of Sciences, Wrocław.

SLOPEK, Stefan; GRZYBEK-HRYNCEWICZ, Kryspina; LADOSZ, Jadwiga;  
KUBIS, Krystyna

Opsonizing factors in rat serum. Pts.1-3. Arch. immun. ther.  
exp. 13 no.3:302-330 '65.

1. Department of Microbiology, School of Medicine, Wroclaw;  
Department of Bacteriology, Institute of Immunology and Experi-  
mental Therapy, Polish Academy of Sciences, Wroclaw.

KOBIS, L. P.

"Development of the Concept of Intra-atomic Energy."  
Thesis for degree of Cand. Physicomathematical Sci.  
Sub 20 Oct 49, Moscow Oblast Pedagogical Inst.

Summary 82, 18 Dec 52, Dissertations Presented  
for Degrees in Science and Engineering in Moscow  
in 1949. From Vechernaya Moskva, Jan-Dec 1949.

KHOKHOLEV, K.I., inzh.; KUBIS, L.P., kand.fiziko-matematicheskikh nauk

Use of a differential dilatometer in laboratory practice.  
Stroi. mat. 8 no.8:38-39 Ag '62. (MIRA 15:9)

1. Direktor Dnepropetrovskogo filiala Yuzhnogo nauchno-issledovatel'skogo instituta po stroitel'stvu (for Khokholev).  
(Dilatometry) (Slag--Testing)

KUBIS, L.P., kand. tekhn. nauk; BARANINA, T.I., inzh.

Unit for determining the thermal conductivity of building  
materials. Stroi. mat. 9 no.5:37-38 My '63.  
(MIRA 16:7)  
(Building materials—Testing)

JANICEK, M.; KUBIS, M.; JANOUSEK, M.; SEKANINOVA, H.

Effect of obesity and some dietary components in the pathogenesis  
of hypertension. Vnitrní lek. 11 no. 2: 130-138 F '65

1. I. vnitrní klinika Palackého University, Olomouc (prednosta:  
prof. MUDr. P. Lukáč).

JANICEK, M.; JANCISEK, M.; KUBIS, M.; SEDLACKOVA, E.

Takayasu's disease and syndrome. Experiences with long-term conservative therapy. Vnitri i lek. 11 no. 4:356-360 Ap'65.

1. I. vnitri klinika Palackeho University v Olomouci (prednosta: prof. MUDr. P. Ink'l).

KUBIS, M.; JANOUSEK, M.; JANICEK, M.; SEDLACKOVA, E.

Changes in heart sounds during pregnancy. Česk. gynek. 30  
no.4:282-286 My'65.

1. I. vnitřní klinika lekarské fakulty Palackého University  
v Olomouci (prednosta: prof. dr. P. Lukl.).

KUBIS, M.; VYKYDAL, J.; RESSL, J.; WEINBERG, J.

Phonocardiographic findings in atrial septal defects. Vnitrní  
lek, 11 no. 6:521-526 Je'65.

1. I. vnitrní klinika Fakultní nemocnice v Olomouci (prednosta:  
prof. MUDr. Pavel Lukl).

2  
CZECHOSLOVAKIA

RESSL, J; KUDIS, M.

First Internal Medicine Clinic of Purkyne University  
(I. vnitřní klinika PU), Olomouc (for both)

Brno, Vnitřní lékařství, No 5, 1963, p. 430-436

"Reversibility of Bronchial Obstruction in Mitral  
Stenosis."

RECORDED, 1971, BY [REDACTED]

According to information furnished by [REDACTED] and other  
sources, [REDACTED] was born 11 March 1913 at [REDACTED], [REDACTED].

[REDACTED] attended [REDACTED] University of [REDACTED] (now  
University of [REDACTED], [REDACTED]).

Fris, S.; Frisch, V.

The use of photocells in mining. no. 36.  
(USSR, Vol. 7, no. 1, Jan. 1957, Prague, Czechoslovakia)

so: Monthly List of East European Acquisitions (ESAL) LC. VO. 1, no. 12, Dec. 1957. Incl.

CZECHOSLOVAKIA

Industrial Medicine

UDC: 616:24-003.65 (677.51) - 084:361.1.075.17

KUBIS, Tibor, Okresni Station of Hygiene and Epidemiology (Okresna Hygienicko-Epidemiologicka Stanice), Nitra, Head (Veduci) F. VRBOVSKY.

"Dust Control Committees' Actions in Prevention of Asbestosis."

Prague, Pracovni Lekarstvi, Vol 18, No 5, Jun 66, pp 222-224

Abstract [Author's English summary modified]: The work of the committees is conducted by teams of doctors, engineers and economists. The committees supervise the organization, tightness of the apparatus, and installation for the purification of exhaust gases. 2 Figures, no references. (Manuscript received 28 Aug 65.)

1/1

KUBIS, T.

The dust hazard connected with work on cabinet makers' band  
lathes. Prac. lek 15 no.10:435-437 D '63.

1. Okresna hygienicko-epidemiologicka stanica v Nitre, veduci  
F. Vrbovsky, prom. lekar.

KUBIS, T.; STEPANEK, J.; SIMECEK, J.

Measurement of dust in harvesters of the combine and other types.  
Pracovni lek. 13 no.7:329-332 S '61.

1. Okresna hygienicko-epidemiologicka stanica, Nitra, riad. MUDr.  
J. Stepanek, Ustav hygiény práce a chorob z povolání, Praha, reditel  
prof. dr. J. Teisinger.

(AGRICULTURE) (DUST)

RADULOV, S.; SUCHY, R.; SISKA, J.; LADA, M.; KUBIS, T.

Noise and vibrations in harvesters of the combine and other types investigated within the framework of the international test in Czechoslovakia with special regard to occupational hygiene. Pracovni lek.  
13 no. 7:332-338 8 '61.

1. Oblastny ustav hygieny v Bratislave. Vyskumny ustav bezpecnosti  
prace ROH v Prahe Statny vyskumny ustav tepelnej techniky v Prahe.  
Okresna hygienicko-epidemiologicka stanica v Nitre.

(AGRICULTURE) (NOISE) (VIBRATIONS)  
(INDUSTRIAL MEDICINE)

KUBIS, Wieslaw

Methodological principles of respiratory exercises for scoliotic children after surgical therapy. Chir. narzad. ruchu ortop. pol. 29 no.1:79-83 '64

1. Z Kliniki Ortopedycznej AM w Warszawie; kierownik: prof. dr. med. A.Gruca.

\*

KUBIS, Wieslaw

Observations on vital capacity changes following surgical therapy  
of scoliosis in children. Chir.narzad.ruchu. ortop. pol. 28  
no.6:615-618 '63.

1. Z Kliniki Ortopedycznej AM w Warszawie. Kierownik: prof.  
dr. A.Gruca.

GRYS, Eugeniusz; KUBIS, Zofia; PISARSKI, Tadeusz

Fetal chondrodystrophy. Ginek. Pol. 36 no.7:203-208 Jl'65.

1. Z I Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej w Poznaniu (Kierownik: prof. dr. med. W. Michalkiewicz).

ACCESSION NR: AP4033064

P/0034/64/000/004/0144/0147

AUTHOR: Kibisa, Stefan (Master engineer)

TITLE: Method of designing a bimetal measuring timer with a high time constant

SOURCE: Pomiary, automatyka, kontrola, no. 4, 1964, 144-147

TOPIC TAGS: timer, bimetal timer

ABSTRACT: This study was carried out because of the lack of data for the design of bimetal measuring timers in the manufacture of which Poland is interested for power engineering purposes. The author suggests seven independent formulas for carrying out the necessary calculations. With the aid of these formulas the author calculates the parameters of a model timer and compares the results with

Card 3/3

ACCESSION NR: AP4033064

the actual parameters. The results are in good agreement and are as follows:

	Predetermined or calculated	Model
Coil drive		
number of turns	5.6	6.5
diameter of winding	2.1 cm	2.1 cm
width of strip	0.34 cm	0.4 cm
Basic unit of moment of setting	50 Gcm/red	45 Gcm/red
Difference of zero value of time constant at complete deflection	15 min	14 min
Increase in the temperature of:		
the heater	39°C	34°C
the coil drive - compensating coil	34°C	30°C
Thermal coefficient $\beta$	1.15	1.15
Power input	2.2 W	2 W

Orig. art. has: 3 figures, 14 formulas, and 1 table.

Cord 2/2

ACCESSION NR: AP4033064

ASSOCIATION: Politechnika Szczecinska Katedra Miernictwa Elektrycznego  
(Department of Electrical Measuring, Stettin Polytechnic Institute)

SUBMITTED: 00

DATE ACQ: 15May64

ENCL: 00

SUB CODE: EE, IN

NO RRP Sov: 001

OTHER: 003

Card 3/3

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4

Instytutu Mierzenia Rzeczywistości  
Metriki, Szczecin Polytechnic Institute

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4"

L. L. P. 10-06	T/EEU (L) EPI	1A (3)	10/2000/000/000/0307/0316
ACC NR: AT6022483	(N)	SOURCE CODE: UR/0000/65/000/000/0307/0316	64 B+1 16
AUTHOR: <u>Suski, L.; Kubish, K.</u>			
ORG: <u>Polish Academy of Sciences (Pol'skaya Akademiya nauk)</u>			
TITLE: Study of the causes of current efficiency decrease in the electrolysis of fused sodium chloride at a liquid lead electrode /			
SOURCE: Vsesoyuznoye soveshchaniye po fizicheskoy khimii rasplavlenykh soley. 2d, Kiev, 1963. Fizicheskaya khimiya rasplavlenykh soley (Physical chemistry of fused salts); trudy soveshchaniya. Moscow, Izd-vo Metallurgiya, 1965, 307-316			
TOPIC TAGS: electrolysis, electrodeposition, sodium chloride, liquid metal, lead, sodium, CURRENT DENSITY			
ABSTRACT: The kinetics of reactions decreasing the current efficiency during electrolysis of fused salts were studied by taking as an example the electrodeposition of sodium from fused NaCl on a liquid lead cathode at 800-810°C with a distant anodic compartment. The following equation, expressing the increase in the amount of sodium in the Pb-Na melt as a linear function of the activity of this element in the melt, was derived:			
$\frac{dn_{Na(Pb)}}{dt} = \frac{I}{F} - \frac{qD_{Na} \cdot P_{NaCl}}{M_{NaCl}} a_{Na(Pb)},$ and the range of its applicability was studied by measuring the increase in the amount			

Card 1/2

L 42176-66

ACC NR: AT6022483

of sodium in the cathodic melt at three different current densities (0.05, 0.10, and 0.15 A/cm<sup>2</sup>). The equation was found to apply with sufficient accuracy only at 0.05 A/cm<sup>2</sup>. A marked decrease in the rate of formation of the cathodic melt was observed after the mole fraction range corresponding to a sharp increase in the activity of sodium in the melt was reached. It is concluded that processes leading to the loss of sodium deposited at the cathode are diffusional in character. Orig. art. has: 6 figures and 18 formulas.

SUB CODE: 07/ SUBM DATE: 23Aug65/ ORIG REF: 014/ OTH REF: 008

*me*  
Card 2/2

KUBLISKIN, G.P. [Kubyshkin, H.P.]

"Utilization of the water resources of Transcarpathia in  
the national economy" by K.V. Prymak. Reviewed by H.P.  
Kubyshkin. Dop. AN URSR no.8:1106-1107 '61. (MIRA 14:9)  
(Transcarpathia--Water resources development)  
(Prymak, K.V.)

KUBISHTA, M.

How automatic block systems and relay interlocking systems are  
being serviced in the Soviet Union. Avtom., telem.i sviaz' 4  
no.3:25 Mr '60. (MIRA 13:7)

1. Laboratoriya signalizatsii i svyazi Prashkoy dorogi.  
(Railroads--Signaling)

KUBISTA, J., inz. arch.

Infectious disease wards with 60 to 90 beds. Cesk. zdrav.  
11 no. 3:105-109 '63.

1. Studijni, typizacni a vyvojovy ustav pro vystavou  
zdravotnickych zarizeni, Praha.  
(COMMUNICABLE DISEASES) (HOSPITAL PLANNING AND CONSTRUCTION)

KUJISTA, M.

KUJISTA, M. Determination of the azimuth by measuring the angle of elevation of the sun. p. 278.

Vol. 5, No. 3, Aug. 1955

UHLI  
TECHNOLOGY  
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, 1956

KUEISTA, M.

New optical theodolites and testing their function.

p. 307 (Rudy) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

KUBISTA, Milan, inz.

"Handbook of geodetics" by J. Rysavy and J. Cacha. Reviewed by Milan Kubista. Uhli 3 no.11: 393 N '61.

1. Dul J. Sverma, Ostrava.

KUBISTA, M., inz.

A coal mine measuring test of the surveyor's level Zeiss  
Ni 2. Jemna mech opt 6 no.2:56-61 F '61.

1. Dul J. Sverma, Ostravsko-karvinsky revir.

KUBISTA, Milan, inz.

New mine surveying instruments produced by the factory VEB  
Zeiss-Jena. Rudy 10 no.2144-47 F '62.

1. Dul J. Sverma, Ostravsko-Karvinsky revir.

KUBISTA, Milan, inz.

Polygonal mine surveying from the viewpoint of Czechoslovak and  
foreign regulations. Uhli 7 no.4:117-121 '65.

1. Banske stavby Ostravsko-karvinskeho reviru, Ostrava.

S/263/62/000/006/002/015  
I008/I208

26.2/91

AUTHOR: Kubista, Miroslav

TITLE: An electromagnetic flowmeter

PERIODICAL: Referativnyy zhurnal, Otdel'nyy vypusk. 32. Izmeritel'-naya tekhnika, no.6, 1962, 32, abstract 32.6.190P.  
(Czech. patent, class 42e, 23/05, No.97130, November 15, 1960)

TEXT: The magnetic circuit of the device consists of two main pole pieces (H), constituting one of the poles of a magnet, and of two auxiliary pole pieces, each of the main H being connected by a magnetic bus-bar with the corresponding auxiliary H, while in the space between them an electrode is inserted. The main feature of the flowmeter is that the magnetic field between the pole pieces does not cross the pipe line along the diameter, but intersects only a part of its cross section, thus permitting a stronger field intensity, and hence a stronger current,

✓B

Card 1/2

S/263/62/000/006/002/016  
I008/I208

An electromagnetic flowmeter

which ensures a greater sensitivity and accuracy of the device. The magnetic circuit is divided into two symmetrical equal parts with respect to the field's axis, created by the external magnetic bus-bars and the pole pieces. The axillary pole pieces may be shifted along the surface of the pipe-line, creating the required magnetic field. The device may be used for liquids and pulp. There are 2 figures.

✓B

[Abstracter's note: Complete translation.]

Card 2/2

KUBISTA, Miroslav

Railway sections with relay system NVR-1 (KNR-5), Zel dop tech 9  
no.9:280 '61.

(Railroads) (Electric relays)

KUBISTA, V.

KUBISTA, V. Savings and safety in the operation of central heating with a correct  
expansion installation: p. 390

Vol. 4, no. 10, Oct. 1956  
POZEMNÍ STAVBY  
TECHNOLOGY  
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

CZECHOSLOVAKIA

TUHA, H., FOUSTKA, M., KUBISTA, V., Zoological Institute, Faculty  
of Natural Sciences, Charles University (Zoologicky Ustav  
Prirodovedecké Fak. UK), Prague.

"Phosphate Inhibition of Anaerobic Glycolysis in an Isolated  
Right Chamber of Rat."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 120

Abstract: Oxygen consumption of isolated myocardium is a function  
of the nature of the buffer solution. Phosphate at concentra-  
tions above 1mM inhibits both lactate production and glycolysis.  
1 Figure, 2 Western references. Submitted at "16 Days of  
Physiology" at Kosice, 27 Sep 65.

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CZLCH

A note on the method for ascorbic acid assay  
M. Kubánek (Czechoslovakia) pro Lékařstvnu Československého (Czechoslovakian Medical Journal) 69, 916-12 1970. The leaves of the *Helix pomatia* sometimes contain flavonoid substances interfering with the reaction of ascorbic acid (I) with 2-ethylthiophene blue. Therefore, only such ext. may be analyzed for I where added I can be quantitatively recovered  
Anthony Zenisek

KUBISTA, V.

"Carotenoids in Fresh-Water Pulmonata", p. 299, (VESTNIK, Vol. 17, No. 4,  
1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (KEAL), LC, Vol. 4, No. 3,  
Mar 1955, Uncl.

KUBÍČK, V.; CHWANN, E.

Denervation changes in muscles of insects; glycogen in normal and  
denervated muscles of Periplaneta americana. Česk. fyziol. 6 n°.2:  
154-158 1957.

1. Glykogen v normalních a denervovaných svalech Periplaneta americana.  
(MUSCLES, innervation,  
denervation, eff. on glycogen metab. in insects Periplaneta  
americana (Cs))  
(GLYCOGEN, metabolism,  
musc. eff. of denervation in insects Periplaneta americana  
(Cs))  
(INSECTS,  
Periplaneta americana, eff. of denervation on musc. glycogen  
(Cs))

KUBISTA, V.

KUBISTA, V.; GUTMANN, T.

Denervation Changes in Insect Muscle; Glycogen in Normal and Denervated muscle of Periplaneta americana. Physiol. bohem. 6 no.2:188-192 1957.

1. Institute of Physiology, Czechoslovak Academy of Science.

(MUSCLES, metab.

glycogen in normal & denervated muscle of Periplaneta americana (Rus))

(OLYCOGEN, metab.

in normal & denervated musc. of Periplaneta americana (Rus))

(NERVOUS SYSTEM, physiol.

eff. of denervation on glycogen metab. in musc. of Periplaneta americana (Rus))

CZECHOSLOVAKIA / General and Specialized Zoology.  
Insects. Physiology and Toxicology.

P

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78249

Author : Kubista, Vaclav

Inst Title : The Influence of Carbon Monoxide and Cyanide on  
the Resting Metabolism of Insect Muscle.

Orig Pub : Vest. Ceskosl. spolec. zool., 1957, 21, No. 2,  
126-134

Abstract : Experiments were made with preparations of the  
metathoracic muscles of *Periplaneta americana*,  
and the femor of the grasshopper *Docticus verrucivorus*. The preparations of the muscles con-  
sume CO<sub>2</sub> energetically; therefore the latter is  
of no use as an inhibitor of respiration. Hydro-  
cyanic acid (I) in a millimolar concentration,

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CZECHOSLOVAKIA / General and Specialized Zoology.  
Insects. Physiology and Toxicology.

P

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78249

which does not produce an inhibitory action on  
the consumption of O<sub>2</sub> in the muscles of the  
cockroach, halves the consumption of O<sub>2</sub> in the  
muscles of the grasshopper. By a decimolar  
concentration of the I, consumption of O<sub>2</sub> by  
the muscles of the cockroach is slightly raised,  
but the intensity of respiration by the muscles  
of the grasshopper stays on the same level. The  
accumulation of lactic acid in the muscles of *P.*  
*americana* in an atmosphere of I is approximately  
3 times less than in an atmosphere of N; in the  
muscles of *D. verrucivorus* in both cases, lactic  
acid accumulates in equal quantities. In the  
muscles of both insects, as a result of the ac-  
tion of I, the quantity of labile phosphates is

Card 2/5

KUBISTA, V.

Anaerobic metabolism in insect muscles. Cesk. fysiol. 7 no.3:229-230  
May 58.

1. Zoologicky ustav Karlovy university, Praha.

(INSECTS,

anaerobic musc. metab. (Cx))

(MUSCLES, metab.

anaerobic in insects (Cx))

KUBISTA, V.; ZELNA, J.

Course of nerve ending degeneration in insect muscles. Cesk. fysiol.  
7 no.5:498 Sept 58.

1. Fysiologicky ustanov Csav, Praha.  
(INTESTINES,

musc. nerve endings degen. in insects (Cx))  
(NERVE ENDINGS,  
name)

KUBISTA, V.; FOUSTKA, M.

Conditioned reflexes produced by the post-activation potentiation  
in the activity of the human visual analyzer. Cesk.fysiol. 9 no.3:  
255-256 My '60.

1. Zoologicky ustav MU, Praha  
(REFLEX CONDITIONED)  
(VISION physiol)

CZECHOSLOVAKIA

L. JANICKY and V. KURISTA [Affiliation not stated]

"Regarding the Education of Physiologists - Specialists."

Prague, Ceskoslovenska Fisiologie, Vol 12, No 1, Jan 1963; pp 70-79.

Abstract: Commentary referring to an article by Dr I. HANEK in the same journal. Discussion of quantitative and qualitative inadequacies in the yearly accretion of specialized physiologists in Czechoslovakia. The need for planned and integrative review of needs and decisive action following that is stressed.

1/1

KUBISKA, V.; FOJTKA, M.; HOFMANOVA, O.; MANOLESKA, J.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000827020008-

Phosphorus compounds and their relation to autoregulation of energy metabolism in the thoracic muscles of insects. Cesk. fysiol. 13 no.4:360-364. J1 '64.

1. Zoologicky ustav Karlovy University, Praha a Katedra fisiologie zivocichu Jagellonske university, Krakov.

JUREK, O. MUDr.; KUBISTA, Z., Ing.; PRAZAK, V. Ing.

Value of potassium bichromate test in cement eczema. Pracovni lok.  
9 no. 41330-332 Sept 57.

1. I. dermatologicka klinika, Praha, prednosta prof. Dr. K. Gavalowski  
A Vyskumný ustanov ochrany materiálu, Praha, prednosta Ing. M. Roubal,  
O. J., Praha 2, Koubkova 10.

(DERMATITIS CONTACT, etiol. & pathogen.

chromium in cement workers, potassium bichromate test  
(Cz))

(CHROMIUM, inj. eff.

contact dermatitis in cement workers, potassium bichromate  
test (Cz))

*Chelatometric analysis of electroplating baths* Admik M6  
Kulanda, Chem. Transl. 8(29), 175-6(1954). The ~~method~~  
is omitted and the following procedures are described:  
determination of Zn in Zn- and brass-plating baths; Cu in Cu-  
plating bath; Cd in Cd-plating bath; cyanide in Cd-plating  
bath; Sn in Sn-plating bath; and Ni in Ni-plating bath.

L. A. Hebert

*T.MET*

ZDENEK KUBISTA

CZECHOSLOVAKIA/Analysis of Inorganic Substances

G-2

Abs Jour: Rcf Zhur-Khimiya, No 6, 1957, 19655

Author : Zdenek Kubista

Inst : -

Title : Analysis of Compounds and Baths for Polymerizing  
Using Ion Exchangers

Orig Pub: Chem. Prumysl., 1956, 6 No 8, 315 - 317.

Abstract: The solution of the analysed compound (or a sample of the bath) is passed through a layer of a cationite (F5 or extra) in the H shape; at this occasion the salts of acids are transformed into corresponding acids, which are titrated off in the issuing solution. After passing 10 ml of the analysed solution, the cationite is washed

Card 1/4

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CZECHOSLOVAKIA/Analysis of Inorganic Substances

G-2

Abs Jour: Rcf Zhur-Khimiya, No 6, 1957, 19655

with 50 ml of water. It is titrated with 0.2 n. NaOH solution using bromophenol blue or a mixed indicator (2 drops of 0.1% solution of dimethyl yellow plus 2 drops of 0.1% solution of methylcne blue); the consumption of the titrated solution is A ml. After that phenolphthalein is added and it is titrated until the color turns red; the consumption of the titrated solution is B ml. 10 ml of the analysed solution is titrated with 0.2 n. NaOH with bromophenol blue or the mixed indicator; the consumption of the titrated solution is C ml. NO<sub>3</sub> is determined with a nitrometer and D is computed, D being the amount of 0.2 n. NaOH solution (in ml) necessary for the titration

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- 134 -

CZECHOSLOVAKIA/Analysis of Inorganic Substances

G-2

Abs Jour: Rcf Zhur-Khimiiye, No 6, 1957, 19655

x 0. 12603 x 100. Zn present in compounds and  
baths for parkrizing does not interfere.

Card 4/4

- 136 -

8/137/62/000/012/007/085  
A006/A101AUTHORS: Kubista, Z., Bužek, Z.

TITLE: Acid arc furnaces (a comparison with basic furnaces)

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 46,  
abstract 12V290 ("Sb. vědec. prací Vysoké školy báňské Ostravé",  
1961, v. 7, no. 7, 799 - 804, Czech; summaries in Russian and  
English)TEXT: The technical and economical indices in the operation of acid and  
basic arc furnaces are compared, as well as the quality of medium-carbon steel  
melted in these furnaces. The daily efficiency on acid furnaces is by 40% higher  
than on basic arc furnaces and gas efficiency is by 50.5% higher. Electric power  
consumption is by 15% less than on basic arc furnaces. The quality of steel melted  
in acid arc furnaces is satisfactory. Information is given on the wide use of  
acid arc furnaces in the USSR and the USA and on the necessity of introducing  
these furnaces into Czechoslovak plants.

[Abstracter's note: Complete translation]

D. Kashayeva

Card 1/1

*4*

Influence of Complexes on experimental lead poisoning  
Jarmila Kubistová (Ústav hyg. práce, Prague). Received  
*MD* December 7, 1954 (1955). A method was worked out for  
inducing acute poisoning with Pb acetate in white mice.  
Ca salt of ethylenediaminetetraacetic acid (I) had a con-  
siderable detoxicating effect on lethal poisoning, provided  
correct dosage was observed, i.e., 3 times daily 300 mg./kg.  
intraperitoneally. The mice tolerated I well, its L.D.<sub>50</sub>  
being 4400 mg./kg. intravenously and 6570 mg./kg. intra-  
peritoneally. Optimal dosage of I in Pb poisonings in man  
is discussed.  
L. J. Urbánek

*RA  
MIL*

KUBISTOVA, Jarmila, RNDr.

Effect of edathamil calcium-disodium on experimental lead poisoning  
in animals. Pracovni lek. 8 no.3:173-175 June 56.

1. Z Ustavu hygieny prace a chorob z povolani, reditel prof. dr.  
J. Teisinger.

(ACETIC ACID, derivatives,  
edathamil calcium-disodium, eff. on exper. lead pois. (Cs))  
(LEAD POISONING, experimental,  
eff. of edathamil calcium-disodium (Cs))

KUBISTOVA, J.

Toxicity of certain calcium salts of dithiocarbamino carbonic acids. Pracovni lek. 8 no.4:260-262 Aug 56.

l. Ustav hygieny prace a chorob z povolani, ved. prof. Dr.  
J. Teisinger.

(SULPHHYDRYL COMPOUNDS, toxicity,  
dithiocarbamino carbonic acids (Cz))  
(CARBONATES, toxicity,  
same)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4"

EXCEPPIA MEDICA Sec.2 Vol.10/2 Phy. Biochem. Aug. 57

3664. KUBIŠTOVÁ J., Dept. of Industr. Hyg. and Occup. Dis., Prague. \*Effect of edathamil calcium-disodium on lead acetate intoxication (observations of effect on experimental acute lethal intoxication in mice) ARCH. INDUSTR. HLTH 1956, 13/6 (556-560)  
Graphs 1 Tables 5

Early start and early termination of the treatment with EDTA did not prove as beneficial as a more prolonged course of treatment. Schenkel - Brooklyn, N.Y.

KUBISTOVA, J.

The problem of organic phosphorus insecticides in Czechoslovakia.  
Rev. Czech. M. 3 no.4:325-333 1957.

1. Institute of Industrial Hygiene and Occupational Diseases, Prague.  
Director: Prof. J. Teisinger.

(PARATHION, tox.  
review)

(INSECTICIDES, tox.  
organic phosphorus insecticides, review)

KUBISTOVA, JARMILA  
 Czechoslovakia/Pharmacology. Toxicology. Toxicology.

Abs Jour : Hef Zhur-Biol., No 8, 1958, 37718

Author : Kubistova Jarmila

Inst : Not given

Title : Effect of CaEDTA [ethylene diamine tetraacetic acid] on the Course of Experimental Lead Intoxication (Vliyanie CaEDTA na techeniye eksperimental'novo ostrovo otravleniya svintsem).

Orig Rub : Folia med, 1957, 7, No 6, 329-335

Abstract : Lethal doses (300 mg/kg in 2% solution in doses of 0.3 ml every five minutes) of Pb ( $\text{CH}_3\text{COO}$ )<sub>2</sub> in  $\text{H}_2\text{O}$  were intravenously administered to male mice. The animals were treated with various doses of CaEDTA (1) which were intravenously administered in 1 in a total dose of 1150 mg/kg administered in

Card 1/2

Czechoslovakia/Pharmacology. Toxicology. Toxicology.

Abs Jour : Hef Zhur-Biol., No 8, 1958, 37718

APPROVED FOR RELEASE: 03/13/2001. CIA-RDP86-00513R000827020008-4

Abstract : fraction in a period of 20 hours immediately after the poisoning failed to produce a therapeutic effect. The administration of 1 in doses of 200 mg/kg three times daily for a period of 2 days, followed by the administration of 200 mg/kg a day for a period of a week led to the survival of 100% of the animals, notwithstanding the fact that treatment was begun on the 2nd day after the animals were poisoned. The administration of 1 in the above mentioned doses for a period of 9 days caused no toxic manifestations. Bibliography-9 titles.

Card 2/2

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020008-4"

CZECHOSLOVAKIA / General and Specialized Zoology.  
Insects. Physiology and Toxicology.

P

Abs Jour : Ref Zhur - Biol., No 17, 0958, No 78251

Author : Kubistova, J.

Inst

Title : Riboflavin in Periplaneta Americana.

Orig Pub : Vest. Ceskosl. spolec. zool., 1957, 21, No. 2,  
135-138

Abstract : The content of riboflavin (I) in the developing eggs and Malpighian vessels of the nymphs and adults of P. americana was determined. In the eggs, the I content was very slightly reduced during 40 days of development. The content of I is higher in the nymphs than in the adults; in the grown-up nymphs of both sexes, it is almost equal before the last ecdysis, but in

Card 1/2

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000827020008-4

CZECHOSLOVAKIA / General and Specialized Zoology.  
Insects. Physiology and Toxicology.

P

Abs Jour : Ref Zhur - Biol., No 17, 0958, No 78251

the adult females it is considerably reduced, which is explained by the expenditure of I for the formation of the eggs. Almost the entire I is present in the free state; riboflavinphosphate and flavinadenindinucleotide are found only in traces. -- L. A. Sobotskiy.

Card 2/2

1. Author's Name:

KAMPEREK, J., Institute of Child Development, Faculty of  
Pediatrics (Institut vyzkumu vyuvojí dítěte, fakulta dětského  
lékařství), Prague.

"Simultaneous Extraction and Estimation of Microgram  
Amounts of Parathion and p-Nitrophenol in Animal Tissues."

Prague, Pracovní Lekarství, Vol 15, No 3, April 63, pp  
105 - 110.

Abstract [Author's English summary modified]: A rapid and  
simple method for the purpose is described. Sample is ex-  
tracted by acetone, this solution is extracted by chloro-  
form, which is treated with a solution of sodium carbonate.  
This gives free p-nitrophenol. Sum of this and of para-  
thion is determined by chloroform extraction and alkaline  
hydrolysis.

3 Tables, 10 Western, 5 Czech, 1 German reference.

1/1

OZECHEK, A.

KUBISHEK, L., et al. Natural Sciences, Institute of Work Hygiene and Social Medicine, Prague (Ústav hygieny práce a chorob z povolání, Praha), professor Dr J. WISINGER, Dr of Sciences, director.

"Influence of Rhodizonate on Acute Barium Chloride Poisoning in Rats."

Prague, Zprávy Československé, Vol XV, No 4, May 63, pp 164-166.

Abstract [from English summary]: Sodium rhodizonate reduces in a dose-dependently significant manner the mortality of animals intoxicated with barium chloride only if rhodizonate is administered orally and if the oral dose is several times larger than the intraperitoneal dose. If a quarter or more of the total amount is administered parenterally, rhodizonate does not affect the outcome of barium chloride intoxication in a statistically significant manner. Twenty references, including 1 Czech and 1 Russian.

1/1

KUBISTOVÁ, Jarmila; POLÁČEK, Emil

Evacuation of glucose solutions from the stomach of rats in  
hypotonic hyperhydration. Acta Univ. Carol. [med.] (Praha)  
10 no.3:231-239 '64.

1. Ustav výzkumu vývoje dítěte fakulty dětského lékařství  
University Karlovy v Praze (reditel prof. M.Dr. J. Houštěk,  
DrSc.).

*Parasitology*

CZECHOSLOVAKIA

KUBISTOVA, J., SETH, D; Parasitological Institute, Czechoslovak Academy of Sciences (Parasitologicky Ustav CSAV), Prague.

"Propanediolphosphate in the Muscles of Ascaris Lumbricoides."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 121

**Abstract:** The bulk of the phosphorus in the muscles of *Ascaris lumbricoides* is present as propanediolphosphate. Although this compound was found previously in various animals, it was only in very small amounts, not as the main P carrier. 6 Western references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

KUBISTOVA, VLASTA

KUBISTOVA, Vlasta, MUDr; PETRU Miroslav, MUDr

Iridocyclitis as late result of benign leptospirosis. Cesk. ofth.  
11 no.1:22-26 Feb 55.

1. Z II ocní kliniky v Praze-predn. akademik Jaromír Kurz, a z  
ustavu pro parazitologii v Praze-predn. prof. Dr. Otto Jirovec.

(IRIDOCYCLITIS, complications

leptospirosis, benign, late result)

(LEPTOSPIROSIS, complications

iridocyclitis as late result)

KUBISTOVA, Vlasta, Dr

The course of keratitis parenchymatosa during cortisone therapy.  
Cesk.oft. 11 no.4-5;323-325 1955.

1. Z II. ocní kliniky Karlovy univerzity v Praze, prednosta akademik  
Jaromír Kurs.

(KERATITIS

parenchymatous, eff. of local cortisone ointment ther.  
of congen. syphilis)

(SYPHILIS, CONGENITAL, therapy

cortisone ointment, local application, eff. on  
parenchymatous keratitis)

(CORTISONE, effects

on keratitis, parenchymatous, in local ointment ther.  
of congen. syphilis)

KUBISTOVA, V.; JIROVEC, O.

Ophthalmic significance of acquired toxoplasmosis in adults.  
Cesk. ofth. 13 no.1:57-68 Feb 57.

1. II. Ocní klinika Karlovy univerzity v Praze. Prednosta akademik  
Jaromír Kurs Protozoologicka laborator Cs. akademie ved. Ved.  
akademik Otto Jirovec.

(TOXOPLASMOSIS

eye, acquired (Cs))

(EYE DISEASES

toxoplasmosis, acquired (Cs))

KUBISTY, Wladyslaw; CYGAN, Tadeusz

Transthoracic surgery of tumors of the left kidney. Polsi przegl.  
chir. 27 no.6:577-581 Je '55.

l. Z chirurgicznego Oddzialu Szpitala Miejskiego Nr 1 w Bytomiu  
Ordynator: dr med. W. Kubisty.  
(KIDNEYS, neoplasms,  
surg., transthoracic approach)

KUBITSY, Waldyslaw

Plastic repair of the stomach with loop of the transverse  
colon following partial excision. Polski przegl.chir. 27  
no.10:947-955 Oct. '55.

1. Z Oddzialu Chirurgicznego Szpitala Zespolonego Nr. 1 w  
Bytomiu Dyrektor: dr med. W. Kubisty. Bytom,ul. Zeromskiego  
7.

(STOMACH, surgery,  
plastic repair of resected portion with transverse  
colon)

GIBINSKI, Kornel; KUBISTY, Wladyslaw; MROMLINSKA, Maria; ZMUDZINSKI, Jerzy

Observations on Moroney's excision and formation of the stomach.  
Polski tygod. lek. 11 no.26:1189-1190 25 June 56.

1. z III Kliniki Chor. Wewn. A.M. w Bytomiu; kier. prof. dr.  
Kornel Gibinski z Oddz. Chirur. Szpitala Miejskiego Nr 1 w  
Bytomiu; ordynator: dr. med. W. Kubisty; i z Oddz. Radiologicznego  
Szpitala Miejskiego Nr 1 w Bytomiu; ordynator: dr. med.  
M. Mromlinska. III Klin. Ch. Wew. Sl. Ak. Med. Bytom, Batorego  
15.

(STOŁĄCZ, surgery,  
Moroney's operation (Pol))

KUBISTY, W.; GIBINSKI, K.; MROMLINSKA, M.

Further history of patients after gastric resection with simultaneous reconstruction. Polski tygod. lek. 12 no.50:1930-1932 16 Dec 57.

1. (Z III Kliniki Chorob Wewn. Sl. Akad. Med. w Bytomiu; Kierownik: prof. dr med. Kornel Gibinski; z Oddz. Chirurgicznego Szpitala Nr 1 w Bytomiu, ordynator i dyrektor: dr med. W. Kubisty i z Oddz. Radiologicznego tegoż Szpitala, kierownik: dr med. M. Mromlinska). Adres: Bytom, ul. Batorego 15, III Klin. Chor. Wewn. Sl. A.M.

(GASTRECTOMY  
follow-up of cases with simultaneous reconstruction (Pol))

SAFARZYNsKA-RYBKA, Irena; KUBISTY, Wladyslaw; ROMANOWSKI, Bogdan

Case of neurosarcoma of the stomach. Polskie arch. med. wewn. 28 no.6:  
909-916 1958.

l. Z III Kliniki Chorob Wewnętrznych Szp. A. M. w Bytomiu Kierownik:  
prof. dr med. K. Gibinski Z Oddziału Chirurgicznego Szpitala Nr 1 w  
Bytomiu Kierownik: dyr. dr med. Wl. Kibisty Z Zakładu Radiologii  
Lekarskiej Szp. A. M. w Zabrzu Kierownik: prof. dr med. S. Jamisziewicz.  
Adres autora: Bytom. Batorego 15. III Klinika Chorob Wewn. A. M.

(STOMACH NEOPLASMS, case reports

fibrosarcoma (Pol))

(FIBROSARCOMA, case reports

stomach (Pol))

CZABANOWSKI, Juliusz  
NAME, Given Name

(2) (2)  
(2)

Country: Poland

Academic Degrees: not given

Affiliation: Division of Internal Diseases (Oddzial Chorob Wewnetrznych),  
Municipal Hospital No. One (Szpital Miejski No 1.), Bytom;  
Director: W. KUBISTY, Dr. med; Ordynator: Z. MLYNARSKI, Dr. med  
Source: Warsaw, Przeglad Lekarski, Vol XVII, Ser II, No 8, 1961, pp 308-309.

Data: "Diagnostic Difficulties of Endocarditis."

72

Country	: Poland	D
Category	: Cosmochemistry, Geochemistry, Hydrochemistry,	
Aba. Jour	: Referat Zhur -- Khim, No 13, 1959	45393
Author	: Kubica, I.	
Institut.	: Polish Academy of Sciences	
Title	: Minerals of the Hexahydrite Group from Boleslaw Near Olkusz	
Orig. Pub.	: Bull Acad Polon Sci, Ser Sci Chim, Geol et Geograph, v, no 7, 459-463 (1958) XXVIII	
Abstract	: Ore obtained from a polymetallic mine [sic] at elevated air temperatures (up to 50°) [sic] has been found to contain hexahydrate sulfates of Zn, Mg, and Fe. The author has made a chemical, physical, optical, and x-ray analysis of biankite (?) and hexahydrite proper. The following chemical composition was found (in %): ZnO 13.73, 11.75; FeO 5.09, 3.85; MnO 1.57, 11.75; MnO 0.06, 0.11; Al <sub>2</sub> O <sub>3</sub> 1.19, -; SO <sub>4</sub> 30.61, 52.64; H <sub>2</sub> O 42.77, 46.65; total 93.87, 99.88. On the basis of the	
Card:	1/3	

Country : Poland D  
Category : Cosmochemistry. Geochemistry. Hydrochemistry.  
Abs. Jour : Referat Zhur -- Ehim, No 13, 1950 45393  
Author :  
Institut. :  
Title :  
  
Orig. Pub. :  
Abstract : above data the author proposes the formulas  
(Zn<sub>0.6</sub>, Fe<sub>0.2</sub>, Mg<sub>0.10</sub>)SO<sub>4</sub>.6H<sub>2</sub>O and (Mg<sub>0.7</sub>, Zn<sub>0.15</sub>-  
Fe<sub>0.13</sub>)SO<sub>4</sub>.6H<sub>2</sub>O. Biankite was also prepared by  
the evaporation of the water collected in the  
workings; the analysis of samples prepared by  
the latter procedure was as follows (in %):  
SO<sub>4</sub><sup>2-</sup>, 19.8; total Fe, 4.7; Zn<sup>2+</sup>, 4.4; Mg<sup>2+</sup>, 0.3;  
Ca<sup>2+</sup>, 0.5; Al<sup>3+</sup>, 1.0; Mn<sup>2+</sup>, 0.02. The minerals  
of the hexahydrite group appear to be isomorphic  
mixtures of three basic molecules: ferrohexa-  
hydrate, FeSO<sub>4</sub>.6H<sub>2</sub>O; zinc hexahydrate, ZnSO<sub>4</sub>.6H<sub>2</sub>O

Card: 2/3

Country : Poland  
Category : Cosmochemistry. - Geochemistry. Hydrochemistry.  
Abc. Jour : Referat Zhur - Khim, No 13, 1969 D  
Author :  
Institut. :  
Title :  
  
Orig. Pub. :  
Abstract : and magnesium hexahydrate,  $MgSO_4 \cdot 6H_2O$ . On the basis of the data obtained the author proposes a new nomenclature for the minerals of this group. G. Volkov

Card: 3/3

KUBISZ, J.

Occurrence of minerals of the jarosite family in Poland. Bul Ac  
Pol chim 6 no.12:785-791 '58. (MEAI 9:6)

1. Department of Mineralogy and Petrography, School of Mining and  
Metallurgy, Cracow. Presented by A.Bolewski.  
(~~Poland~~ Jarosite)

KUBISZ, J.; ZABINSKI, W.

The jarosites from the Silesia-Krakow zinc and lead ore deposits.  
Bul Ac Pol chim 6 no.12:793-797 '58. (EHA 9:6)

1. Department of Mineralogy and Petrography, School of Mining and  
Metallurgy, Cracow. Presented by A.Bolewski.  
(Poland-- Jarosite) (Poland-- Zinc) (Poland-- Lead)

KUBISZ, J.; MICHALEK, Z.

Minerals of the oxidized zone of the menilite beds in the Carpathians.  
Bul Ac Pol chim 7 no.10:765-771 '59. (EKA 9:6)

1. Department of Mineralogy and Petrography, School of Mining and  
Metallurgy, Cracow. Committee on Geological Sciences, Polish  
Academy of Sciences, Cracow Branch. Presented by A. Boleski.  
(Poland-- Menilite) (Carpathian Mountains)

KUBISZ, J.; SMOLARSKA, I.

Meta-autunite from the Inner Sudeten Trough. Bul geolog PAN 8 no.1:  
31-35 '60.

1. Department of Mineralogy and Petrography, School of Mining and  
Metallurgy, Cracow. Presented by A. Bolewski.

(Autunite)

KUBISZ, J.

Hydronium jarosite —  $[H_3O]Fe_3[(SO_4)_2(OH)_6]$ . Bul geolog PAN 8 no.2:  
95-99 '60.

1. Department of Mineralogy and Petrography, Academy of Mining and  
Metallurgy, Cracow. Presented by A. Boleski.

(Oxonium ion) (Jarosite)